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**United States Patent** [19]

Davis et al.

[11] Patent Number: **5,842,486**[45] Date of Patent: **Dec. 1, 1998**[54] **HERMETICALLY SEALED COSMETIC COMPACT CASE**[75] Inventors: **Lawrence G. Davis, Menomonee Falls; Carol J. Nikolaus, Shorewood, both of Wis.**[73] Assignee: **Sussex Plastics Inc., Sussex, Wis.**[21] Appl. No.: **976,847**[22] Filed: **Nov. 25, 1997**[51] Int. Cl.<sup>6</sup> ..... **A45D 33/00**[52] U.S. Cl. .... **132/295; 132/293; 132/301**[58] Field of Search ..... **132/293, 294, 132/295, 296, 298, 301**

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[57] **ABSTRACT**

A hermetically sealed compact contains a cosmetic substance. The compact includes an integral two-piece insert having a cover piece coupled to a base piece by an integral living hinge. The cover piece of the insert has a circular cavity with a pair of ridges, while the base piece has a peripheral wall that slides within a groove to form the seal. As the integral insert obtains the closed configuration, the evacuated air makes a distinctive audible sound, indicating to the user that the hermetic seal has been established.

**20 Claims, 4 Drawing Sheets**